

020404  
16076 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		7276.1/100326
First Inventor		Michael R. Keenan
Title		Spectral Compression Algorithms for the Analysis of Very Large Multivariate Images
Express Mail Label No.		EV332388315US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing.)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages **58**]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets **18** ]

5. Oath or Declaration [ Total Pages **2** ]

a.  Newly executed (original or copy)

b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.753(b) Statement  
(when there is an assignee)  Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application \_\_\_\_\_ /

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

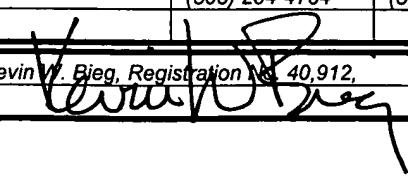
Customer Number or Bar Code Label

PATENT & TRADEMARK OFFICE



020567

or  Correspondence address below

Name	Sandia National Laboratories			
	Intellectual Property Center			
Address	P.O. Box 5800, Mail Stop 0161			
City	Albuquerque, NM 87185	Phone: (505) 284-4784	FAX: (505) 844-2363	
Country				
Name (Print/Type)	Kevin W. Bieg, Registration No. 40,912,			
Signature				
	Date: 2/4/04			

16591 U.S. PTO  
10/772548



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First Inventor **Michael R. Keenan**

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Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

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Customer Number or Bar Code Label

PATENT & TRADEMARK OFFICE



or  Correspondence address below

Name **Sandia National Laboratories**

*Intellectual Property Center*

Address **P.O. Box 5800, Mail Stop 0161**

City **Albuquerque, NM 87185** Phone: **(505) 284-4784**

FAX: **(505) 844-2363**

Country **United States**

Name (Print/Type) **Kevin W. Bieg, Registration No. 40,912,**

Signature

Date: **2/4/04**

# FEE TRANSMITTAL FOR FY 2004

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement.  
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$1202.00)

Complete if Known			
Application Number			
Filing Date			February 4, 2004
First Named Inventor			Michael R. Keenan
Examiner Name			
Group / Art Unit			
Attorney Docket No.			SD7276.1/S100326

## METHOD OF PAYMENT (check one)

1.  Indicated fees and credit any over payments to:

Deposit Account Number

19-0131

Deposit Account Name

Sandia National Labs

2.  Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

 Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) \$					

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	44	-20**= 24	x 18. = 432.
Independent Claims	3	- 3**= 0	x 86. = 0
Multiple Dependent			=

\*or number previously paid, if greater; For Reissues, see below.

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$				

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee cover sheet	
1053	130			Non-English specification	
1801	770	2801	385	Request for continued examination (RCE)	
1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840			Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130			Petitions to the Commissioner	
1806	180			Submission of Information Disclosure Statement	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (see 37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Typed or Printed Name

Kevin W. Bieg

Complete (if applicable)

Reg. Number

40,912

Signature

Kevin W. Bieg

Date

2/4/04

Deposit Account User ID